UV MAX™

STANDARD SYSTEMS

MODEL	A	B4	C4	D4 / D4 PLUS	E4 / E4 PLUS	F4 / F4 PLUS
Flow Rates						
Rated flow at dose 16 mJ/cm² @ 95% UVT						
Rated flow at dose 30 mJ/cm² @ 95% UVT	2 gpm (7 lpm)	6 gpm (23 lpm)	10.5 gpm (39.7 lpm)	10.5 gpm (39.7 lpm)	18.5 gpm (70.0 lpm)	30.5 gpm (115.5 lpm)
Rated flow at dose 40 mJ/cm² @ 95% UVT						
Operating Parameters						
Operating pressure	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)
Ambient air temperature	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)
Ambient water temperature	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)
Hardness (max.)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)
Iron (max.)	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm
UVT (min.)	75%	75%	75%	75%	75%	75%
Installation direction*	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal
Electrical						
Voltage	120 - 240V AC	100 - 240VAC	100 - 240V AC	100 - 240V AC	100 - 240V AC	100 - 240V AC
Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Max. current	0.3 Amp	0.4 Amp	0.5 Amp	0.5 Amp	0.85 Amp	1.2 Amp
Max. power consumption	22 Watts	36 Watts	50 Watts	50 Watts	83 Watts	130 Watts
Lamp power	14 Watts	25 Watts	40 Watts	40 Watts	70 Watts	110 Watts
Dimensions						
Chamber	15.5" x 2.5" (39 x 6.5 cm)	14.5" x 4" (37 x 10cm)	20.5" x 4" (52 x 10cm)	20.5" x 4" (52 x 10cm)	30" x 4" (76 x 10cm)	44.25" x 4" (112.5 x 10cm)
Power Supply	2.8" x 3.3" (7 x 8 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)
Inlet & Outlet	3/8" NPT	3/4" NPT	3/4" NPT	3/4" NPT	1" NPT	1" NPT
Features						
Sensor with diagnostic test	--	--	--	D4 Plus	E4 Plus	F4 Plus
Solenoid Valve	--	--	--	Optional	Optional	Optional
Chamber material	304 SST	304 SST	304 SST	304 SST	316L SST	316L SST
Audible alarm mute button	--	--	--	D4 Plus	E4 Plus	F4 Plus
Lamp reset button	--	--	--	D4 Plus	E4 Plus	F4 Plus
Lamp age indicator	--	--	--	D4 Plus	E4 Plus	F4 Plus
Lamp operation indicator	--	yes	yes	yes	yes	yes
Power supply operation indicator	--	yes	yes	yes	yes	yes
Sensor Reading Output	--	--	--	yes, sensor operation indicator	yes, sensor operation indicator	yes, sensor operation indicator
Replacement Parts						
Lamp	602803	602804	602805	602805	602806	602807
Quartz Sleeve	602730	602731	602732	602732	602733	602734
Power Supply	650414 (120V) 650415 (230V)	650713-005	650713-006	650713-007 650713-008 (Plus)	650713-001 650713-002 (Plus)	650713-003 650713-004 (Plus)
Sensor	--	--	--	650703	650703	650703

*systems with sensors must be installed vertically

NSF C US
c UL US LISTED
CSA NRTL/C
CE
kiwa

System Tested and Certified by NSF International against CSA B483.1 and NSF/ANSI 55 for Disinfection Performance, Class B

/viqua   /ViquaWater

UV MAX™

Engineered to Higher Standards

Residential Applications

www.uvmax.com

UV MAX™

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UVMAX™ systems undergo exhaustive testing and evaluations to ensure they inactivate harmful pathogens, including *E. coli*, *Cryptosporidium*, and *Giardia*.

1 Safety Cap and Special Lamp Plug
The special lamp plug ensures that no one can power the UV lamp if it's not in the UV chamber.

2 UV Sensor (Plus series)
New and improved sensor ensures safe UV levels are maintained.

3 Unique Lamp/Sleeve Assembly
Lamps and sleeves are assembled together for ease of handling. They can be replaced separately, in minutes and without tools.

4 Handy Reference Card
The reference card outlines the most important system functions and maintenance for quick, on-the-spot questions.

5 Confidence in Proper System Operation
Indicator lights show the status of system components. Warning lights appear when system maintenance is required.

6 Helpful Lamp Replacement Reminder
The lamp timer display counts down the days to annual lamp replacement. (models D4/E4/F4 + V Series)

7 Lamp Timer Reset Button
Once annual lamp replacement is completed, press this button to restart the lamp timer.

8 Mute Button
If a warning alarm sounds, simply press this button to silence the alarm.

9 High Performance UV Lamp
Our high output UV lamp is engineered to maximize UV output. Insist on genuine VIQUA replacement lamps.

Unsurpassed Customer Support and Warranty

The technology and care that goes into the development of our products is of the highest standards. Our UV purification systems have been designed and tested against the most rigorous validation and testing methods in the industry.

For 35 years, we have engineered and manufactured products that have set the standard in the industry. Our attention to detail and sound science ensures the best solutions to meet your drinking water disinfection needs long into the future.

UV MAX™

VALIDATED SYSTEMS (NSF 55 CLASS B)

MODEL	B4-V	C4-V	D4-V / D4-V PLUS	E4-V / E4-V PLUS	F4-V / F4-V PLUS
Flow Rates					
Rated flow for NSF Std 55, Class B	4.3 gpm (16.3 lpm)	8.9 gpm (33.7 lpm)	8.9 gpm (33.7 lpm)	15.8 gpm (59.8 lpm)	26.1 gpm (98.8 lpm)
Operating Parameters					
Operating pressure	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)
Ambient air temperature	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)
Ambient water temperature	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)
Hardness (max.)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)
Iron (max.)	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm
Installation direction*	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal
Electrical					
Voltage	100 - 240VAC	100 - 240V AC	100 - 240V AC	100 - 240V AC	100 - 240V AC
Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Max. current	0.4 Amp	0.5 Amp	0.5 Amp	0.85 Amp	1.2 Amp
Max. power consumption	36 Watts	50 Watts	50 Watts	83 Watts	130 Watts
Lamp power	25 Watts	40 Watts	40 Watts	70 Watts	110 Watts
Dimensions					
Chamber	14.5" x 4" (37 x 10cm)	20.5" x 4" (52 x 10cm)	20.5" x 4" (52 x 10cm)	30" x 4" (76 x 10cm)	44.25" x 4" (112.5 x 10cm)
Power Supply	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)
Inlet & Outlet	3/4" NPT	3/4" NPT	3/4" NPT	1" NPT	1" NPT
Features					
Sensor with diagnostic test	--	--	D4-V Plus	E4-V Plus	F4-V Plus
Solenoid Valve	--	--	Optional	Optional	Optional
Chamber material	304 SST	304 SST	304 SST	316L SST	316L SST
Dynamic flow restrictor	--	--	D4-V / D4-V Plus	E4-V / E4-V Plus	F4-V / F4-V Plus
Audible alarm mute button	--	--	D4 Plus / D4-V Plus	E4 Plus / E4-V Plus	F4 Plus / F4-V Plus
Lamp reset button	--	--	D4 Plus / D4-V Plus	E4 Plus / E4-V Plus	F4 Plus / F4-V Plus
Lamp age indicator	--	--	D4 Plus / D4-V Plus	E4 Plus / E4-V Plus	F4 Plus / F4-V Plus
Lamp operation indicator	yes	yes	yes	yes	yes
Power supply operation indicator	yes	yes	yes	yes	yes
Sensor Reading Output	--	--	yes, sensor operation indicator	yes, sensor operation indicator	yes, sensor operation indicator
Replacement Parts					
Lamp	602804	602805	602805	602806	602807
Quartz Sleeve	602731	602732	602732	602733	602734
Power Supply	650713-005	650713-006	650713-007 650713-008 (Plus)	650713-001 650713-002 (Plus)	650713-003 650713-004 (Plus)
Sensor	--	--	650703	650703	650703

systems with sensors must be installed vertically

VIQUA. We make tap water safe.